

Title (en)

PANELS COMPRISING UNEVEN EDGE PATTERNS FOR REDUCING BOUNDARY LAYER SEPARATION

Title (de)

PANEELE MIT UNEBENEN KANTENSTRUKTUREN ZUR VERRINGERUNG DER GRENZSCHICHTTRENNUNG

Title (fr)

PANNEAUX COMPORTANT DES MOTIFS DE CONTOUR IRRÉGULIER POUR RÉDUIRE LA SÉPARATION DE LA COUCHE LIMITE

Publication

**EP 3165454 A1 20170510 (EN)**

Application

**EP 16197492 A 20161107**

Priority

US 201514934818 A 20151106

Abstract (en)

An airfoil (400) includes a first side (410) and a second side opposite the first side, and an apparatus (450a) coupled to the first side (410) of the airfoil (400), the apparatus (450a) comprising a first edge having a first uneven edge pattern.

IPC 8 full level

**B64C 3/10** (2006.01); **B64C 21/00** (2006.01); **B64C 21/10** (2006.01); **B64C 23/06** (2006.01); **B64C 3/14** (2006.01)

CPC (source: EP US)

**B64C 3/14** (2013.01 - US); **B64C 21/10** (2013.01 - EP US); **B64C 23/06** (2013.01 - US); **B64C 2003/147** (2013.01 - US); **B64C 2003/148** (2013.01 - EP US); **B64C 2230/26** (2013.01 - EP US); **Y02T 50/10** (2013.01 - EP US)

Citation (search report)

- [XYI] WO 2015030573 A1 20150305 - CORTEN HOLDING BV [NL], et al
- [Y] US 2014328693 A1 20141106 - WILSON MEGAN MICHELA [US], et al
- [X] US 2014334938 A1 20141113 - RIDDELL SCOTT GABELL [US], et al
- [X] WO 2011004261 A1 20110113 - IRELAND PETER S [AU]
- [X] US 2009189023 A1 20090730 - MIKULLA VOLKER [DE]
- [XP] WO 2015198093 A1 20151230 - IRELAND PETER [AU], et al

Cited by

CN109305326A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3165454 A1 20170510**; **EP 3165454 B1 20190109**; JP 2017125603 A 20170720; JP 6734762 B2 20200805; US 10421533 B2 20190924; US 2017129593 A1 20170511

DOCDB simple family (application)

**EP 16197492 A 20161107**; JP 2016217289 A 20161107; US 201514934818 A 20151106